


UPDATED INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

Your applicant, Chan-Long Shieh, inventor of *METHOD OF FABRICATING LONG-WAVELENGTH VCSEL AND APPARATUS* (RAP Docket No. 4161-A1D) as a duty of candor and good faith toward the United States Patent and Trademark Office by and through the undersigned Attorney, hereby submits his updated information disclosure statement in compliance with 37 C.F.R. 1.56.

Other than that which is of record in the parent case, Applicant is unaware of any information which is material to the patentability of the immediate case.

Respectfully submitted,



Robert A. Parsons
Attorney for Applicant
Registration No. 32,713

7/29/03
DATE
PARSONS & GOLTRY
340 East Palm Lane
Suite 260
Phoenix, Arizona 85004

(602) 252-7494